WHAT IS CLAIMED IS:

1. An antenna, comprising:

a dielectric body;

a ground electrode, provided on a first surface of the dielectric body;

a radiation electrode, having a first end which is left open and a second end which is connected to the ground electrode;

a feeding terminal, provided on the first surface; and

a feeding electrode, having a first end which is connected to the feeding terminal and a second end which is connected to the ground electrode, at least a first part of the feeding electrode being extended in parallel with an elongated direction of the radiation electrode, so as to excite the radiation electrode with an induction coupling in a non-contact manner.

2. The antenna as set forth in claim 1, wherein a part of the feeding electrode extends in the vicinity of the first end of the radiation electrode so as to establish a capacitive coupling therebetween.

3. The antenna as set forth in claim 1, wherein an electrical length of the first part of the feeding electrode is substantially equal to one fourth of a wavelength at an operation frequency of the antenna.

4. A portable wireless device, comprising a circuit board, on which a wireless communication circuit is provided, and the antenna as set forth in claim 1 is mounted.